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NPIC R 1446 63
August 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3703
27 AUGUST 1963

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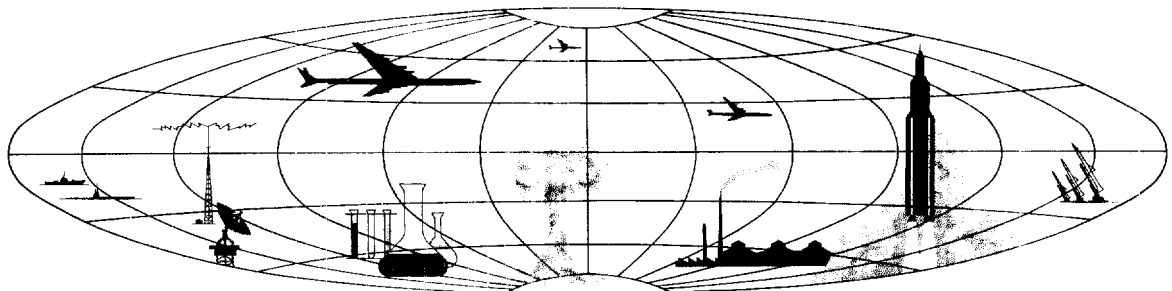


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W A R N I N G

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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3703, DATED 27 AUGUST 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER. A MALFUNCTION IN THE CAMERA ELIMINATED VERTICAL COVERAGE.

-MISSILES-

25X1A

SANTA LUCIA SAM SITE 2241N 08355W

THREE BARRACKS-TYPE BUILDINGS AND 10 LARGE AND ONE MEDIUM TENT (NOT OF A KNOWN SOVIET TYPE) OBSERVED.

25X1D

25X1A

SAN JULIAN AIRFIELD SAM SITE 2205N 08408W

SITE 1 -- 5 REVETTED CANVAS-COVERED LAUNCHERS, 4 CANVAS-COVERED MISSILE TRANSPORTERS IN HOLD POSITIONS, 15 PRIME MOVERS, ONE TRUCK-MOUNTED CRANE, 2 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. INCOMPLETE COVERAGE PRECLUDES FURTHER INTERPRETATION.

SITE 2 -- 6 UNRETTED COVERED LAUNCHERS, 2 POSSIBLE MISSILE TRANSPORTERS, 15 PRIME MOVERS, ONE TRUCK-MOUNTED CRANE, 2 CARGO TRUCKS, 2 VAN TRUCKS, 3 VAN TRAILERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

25X1A

CIENFUEGOS SAM SITE 2202N 08024W

SIX UNRETTED LAUNCHERS, 2 CANVAS-COVERED HOLD POSITIONS, 3 VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

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25X1A

CAIBARIEN SAM SITE 2228N 07929W

SIX UNRENETTED LAUNCHERS, ONE MISSILE TRANSPORTER, AT LEAST 2 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

FACILITIES INCLUDE 6 BUILDINGS, 4 LARGE AND APPROXIMATELY 5 SMALL TENTS, AND 2 CANVAS-COVERED PARKING AREAS.

25X1D

25X1A

SANCTI SPIRITUS SAM SITE 2147N 07929W

SIX UNRENETTED CANVAS-COVERED LAUNCHERS, 5 CANVAS-COVERED MISSILE TRANSPORTERS, 2 MISSILES ON DOLLIES, 11 CANVAS-COVERED TRACKED PRIME MOVERS, 6 SETS OF BOGIE WHEELS, ONE TRUCK-MOUNTED CRANE, 2 TRUCKS, 3 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

25X1A

JIGUANI SAM SITE 2021N 07620W

SITE CONTAINS 6 UNRENETTED LAUNCHERS (3 WITH MISSILES), 7 MISSILE TRANSPORTERS, 11 TRACKED PRIME MOVERS, 5 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA. ONE OF THE MISSILE TRANSPORTERS IS ALONGSIDE A LAUNCHER.

25X1D

25X1A

SIGUANEAS SAM SITE 2137N 08257W

SIX LAUNCHERS (5 REVENETTED, 4 CANVAS-COVERED), 7 MISSILE TRANSPORTERS (ONE WITHOUT PRIME MOVER), 14 PRIME MOVERS, 4 CARGO TRUCKS, 6 CANVAS-COVERED UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

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MANZANILLO SAM SITE 2018N 07706W

25X1A

SIX REVETTED LAUNCHERS, 6 MISSILE TRANSPORTERS, AND
AN OCCUPIED GUIDANCE REVETMENT OBSERVED.

25X1D

MANATI SAM SITE 2113N 07702W

25X1A

SIX LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS,
9 TRACKED PRIME MOVERS, 7 CARGO TRUCKS, AND AN
OCCUPIED GUIDANCE REVETMENT OBSERVED.

25X1D

CHAMBAS SAM SITE 2213N 07853W

25X1A

SIX UNREVVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS, AND
AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

ESMERALDA SAM SITE 2155N 07813W

25X1A

SITE CONTAINS 6 REVETTED LAUNCHERS (3 WITH MISSILES),
7 MISSILE TRANSPORTERS, 13 CANVAS-COVERED TRACKED
PRIME MOVERS, 6 SETS OF BOGIE WHEELS, AND AN OCCUPIED
GUIDANCE REVETMENT.

25X1D

SANTIAGO DE CUBA SAM SITE 1959N 07550W

25X1A

SIX UNREVVETTED LAUNCHERS, 4 MISSILE TRANSPORTERS,
APPROXIMATELY 9 VEHICLES AND AN OCCUPIED GUIDANCE
AREA OBSERVED.

25X1D

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

25X1A

SITE CONTAINS 28 MISSILE TRANSPORTERS, 4 FLATBED
TRAILERS, 11 UTILITY TRUCKS, 12 CARGO TRUCKS, 3 TRUCK-
MOUNTED CRANES, 11 TRACKED PRIME MOVERS, NUMEROUS

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MISSILE CANISTERS AND APPROXIMATELY 7 MISSILES
PROBABLY BEING ASSEMBLED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

CIEGO DE AVILA SAM SITE 2142N 07850W

SIX UNREVIEWED LAUNCHERS (3 WITH MISSILES), 7 MISSILE
TRANSPORTERS (6 WITH PRIME MOVERS), 13 CANVAS-COVERED
PRIME MOVERS, 7 POSSIBLE CARGO TRUCKS, 4 UNIDENTIFIED
VEHICLES, ONE PROBABLE ELECTRONIC VAN, AND AN
UNREVIEWED OCCUPIED GUIDANCE AREA.

25X1D

25X1A

CIEGO DE AVILA SAM ASSEMBLY AREA 2152N 07844W

AREA CONTAINS 23 MISSILE TRANSPORTERS, 6 FLATBED
TRACTOR-TRAILER TRUCKS, AT LEAST 41 MISSILE CANISTERS,
7 CARGO TRUCKS, AND 2 PROBABLE VAN TRUCKS.
FACILITIES INCLUDE ONE MISSILE ASSEMBLY BUILDING, ONE
MEDIUM AND 2 LARGE SOVIET-TYPE TENTS, AND 3 REVIEWED
STORAGE AREAS.

25X1D

25X1A

CIFUENTES SAM ASSEMBLY AREA 2236N 08005W

SIX UNIDENTIFIED VEHICLES OBSERVED.

25X1D

25X1A

MALDONADO SAM SITE 2012N 07528W

SIX UNREVIEWED LAUNCHERS (3 WITH MISSILES), 6 MISSILE
TRANSPORTERS, 13 TRACKED PRIME MOVERS, ONE TRUCK-
MOUNTED CRANE, 6 OTHER VEHICLES, AND AN OCCUPIED
GUIDANCE REVIEWMENT OBSERVED.
NO APPARENT CHANGE IN RADAR SITE ADJACENT TO THE
RING ROAD.

25X1D

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HOLGUIN SAM SITE 2052N 07627W

25X1A

SIX LAUNCHERS, 3 CANVAS-COVERED MISSILE TRANSPORTERS, APPROXIMATELY 14 TRACKED PRIME MOVERS, 2 CARGO TRAILERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

SIGUANEA CRUISE-MISSILE SITE 2137N 08258W

25X1A

TWO REVETTED LAUNCHERS, 2 MISSILE TRANSPORTERS, 3 CANVAS-COVERED HOLD POSITIONS, 8 CRUISE-MISSILE CRATES, 2 TRUCK-MOUNTED CRANES, ONE CARGO TRUCK, 4 OTHER VEHICLES AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

SANTIAGO DE CUBA CRUISE-MISSILE STORAGE 2004N 07551W

25X1A

NO APPARENT CHANGE SINCE

25X1D

25X1D

-AIRFIELDS-

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

25X1A

AIRCRAFT -- 13 FAGOT/FRESCO, 13 HOUND AND ONE LIAISON. (SEE ATTACHMENT 1).

25X1D

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07751W

25X1A

AIRCRAFT -- ONE PROBABLE C-47 AND ONE LIAISON OBSERVED IN CLOUD-FREE AREAS.

25X1D

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25X1A

HOLGUIN AIRFIELD 2048N 07618W

AIRCRAFT -- 6 FAGOT/FRESCO.

25X1D

PRESTON AIRFIELD 2044N 07539W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1A

25X1D

ANTONIO MACED AIRFIELD 1958N 07550W

AIRCRAFT -- ONE HOUND, ONE HARE, AND 2 LIAISON.

25X1A

25X1D

COLONEL MARTIN MARRERRO AIRFIELD 2150N 08247W

NO APPARENT CHANGE SINCE

25X1D

25X1D

25X1A

JAIME GONZALES AIRFIELD 2209N 08025W

AIRCRAFT -- ONE LIAISON.

25X1D

25X1A

BAYAMO EAST AIRFIELD 2023N 07638W

AIRCRAFT -- 3 COLT.

FURTHER ANALYSIS OF VEHICLES OR EQUIPMENT LOCATED AT
AIRFIELD AND REPORTED AS UTILITY TRUCKS ON

25X1D

25X1D

25X1D

REVEALS IT IS AGRICULTURAL EQUIPMENT.

-PORTS-

25X1A

BARACOA PORT 2021N 07430W

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NO LARGE VESSELS OBSERVED.

25X1D

CIENFUEGOS PORT 2209N 08027W

25X1A

VESSELS -- 5 PT, ONE KRONSTADT-CLASS PC, 2 OTHER PC,
AND ONE LARGE FREIGHTER. ONE PT IS DOCKED AT CUEVA
PLACIDO.
NO MILITARY EQUIPMENT OBSERVED.
(SEE ATTACHMENT 2).

25X1D

MANZANILLO PORT 2021N 07707W

25X1A

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

SANTIAGO DE CUBA PORT 2001N 07550W

25X1A

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

NUEVITAS PORT 2132N 07716W

25X1A

VESSELS -- ONE LARGE TANKER.

25X1D

NUEVA GERONA PORT 2153N 08248W

25X1A

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

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25X1A

LA ISABELA PORT 2256N 08001W

VESSELS -- 2 LARGE FREIGHTERS.

25X1D

CASILDA PORT 2145N 07959W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

JUCARO PORT 2137N 07851W

VESSELS -- ONE FREIGHTER ANCHORED SOUTH OF PORT.

25X1D

PUERTO PADRE PORT 2113N 07632W

VESSELS -- ONE PROBABLE LARGE FREIGHTER.

25X1D

-MILITARY ACTIVITY-

GUANTANAMO AREA 1 2005N 07523W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

HOLGUIN AREA, MILITARY CAMP 2053N 07614W

NINETY LARGE (26 NOT OF A KNOWN SOVIET TYPE), 46 MEDIUM AND 55 SMALL TENTS, 41 TANKS/SP GUNS, ONE BTR-50P, ONE PROBABLE TANK RETRIEVER, 8 SNAPPERS, 9 BRDM APC, 2 UNIDENTIFIED TRACKED VEHICLES, 23 FA PIECES, 12 AAA PIECES, 20 VAN TRUCKS, 217 CARGO TRUCKS, 26 UTILITY TRUCKS, 4 POL TRUCKS, 17 CARGO TRAILERS, 2 UNIDENTIFIED VEHICLES, AND 5 TRUCK-MOUNTED TREADWAY BRIDGES. THE 6-GUN AAA SITE REMAINS OCCUPIED

25X1A

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AND THE 9-GUN SITE REMAINS UNOCCUPIED.
(NOTE -- BETWEEN THE MAIN BILLETING AREA AND THE
MOTOR PARK 2 BULLDOZERS WERE GRADING. AT THE EAST
END OF THE MAIN BILLETING AREA APPROXIMATELY 23 LARGE
TENTS (NONE OF A KNOWN SOVIET TYPE) HAVE BEEN
ERECTED).

ENCAMPMENT .6 NM SOUTH -- 8 BARRACKS, 14 SUPPORT
BUILDINGS, 40 LARGE AND 2 MEDIUM TENTS (NONE OF A
KNOWN SOVIET TYPE), 11 CARGO TRUCKS, 5 UTILITY
TRUCKS, 2 PROBABLE BRDM APC, ONE VAN TRUCK, 5 FA
PIECES, AND 6 UNIDENTIFIED PIECES OF EQUIPMENT. THE
9-GUN AAA SITE REMAINS UNOCCUPIED.

ENCAMPMENT 2.2 NM SE -- 3 BARRACKS, 8 SUPPORT
BUILDINGS, 26 LARGE TENTS (NONE OF A KNOWN SOVIET
TYPE), 13 SMALL TENTS, 29 TANKS/SP GUNS, 17 CARGO
TRUCKS, ONE GRADER AND A SMALL ARMS FIRING RANGE.
(SEE ATTACHMENT 3).

25X1D

CAMAGUEY MILITARY CAMP 1 2121N 07751W

25X1D

25X1A

NO APPARENT CHANGE SINCE

25X1D

REMEDIOS MILITARY CAMP 2226N 07934W

25X1A

25X1D

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE MISSION

25X1D

SANTA CLARA AREA, MILITARY ACTIVITY 2221N 07957W

25X1A

FIFTEEN POSSIBLE TANKS/SP GUNS AND 7 OTHER VEHICLES
OBSERVED IN CLOUD-FREE AREAS.

25X1D

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25X1A

VICTORIA DE LAS TUNAS, MILITARY CAMP 2054N 07655W

NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED.

25X1D

EL CRISTO, MILITARY INSTALLATION 2007N 07546W

NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED.
INCOMPLETE COVERAGE.

25X1D

GUANE, MILITARY CAMP 2212N 08408W

ELEVEN TANKS/SP GUNS AND 13 TRUCKS OBSERVED.

25X1D

TRINIDAD AREA, POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
TEN TRUCKS AND 5 FA PIECES OBSERVED.

25X1D

ALTAGRACIA, MILITARY AREA 2124N 07742W

NO APPARENT CHANGE IN FACILITIES.
NINE TANKS/SP GUNS AND 2 CARGO TRUCKS OBSERVED.

25X1D

ANTON RECIO, MILITARY INSTALLATION 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.
FOUR CARGO TRUCKS, 2 POSSIBLE VAN TRAILERS, AND ONE
UTILITY TRUCK OBSERVED.

25X1D

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MINAS, MILITARY CAMP 2127N 07734W

25X1A

FOURTEEN UNIDENTIFIED VEHICLES OBSERVED.

25X1D

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

25X1A

NO APPARENT CHANGE IN FACILITIES.
THIRTEEN CARGO TRUCKS AND 10 UNIDENTIFIED PIECES OF
EQUIPMENT OBSERVED.

25X1D

TACAJO MILITARY CAMP 2051N 07558W

25X1A

NO APPARENT CHANGE IN CLOUD-FREE AREAS.

25X1D

DOS CAMINOS MILITARY INSTALLATION 2014N 07547W

25X1A

25X1D NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE MISSION

25X1D

JAGUA, MILITARY AREA 2205N 08029W

25X1A

APPROXIMATELY 15 TRUCKS AND APPROXIMATELY 15 FA
PIECES OBSERVED.

25X1D

LA VEGUITA MILITARY CAMP 2049N 07615W

25X1A

CAMP CONTAINS 5 BARRACKS, 3 SUPPORT BUILDINGS, 6 LARGE
AND 2 MEDIUM TENTS (NONE OF A KNOWN SOVIET TYPE), 11
FA PIECES, AND 10 CARGO TRUCKS.

25X1D

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25X1A

SANTIAGO DE CUBA, MILITARY TRAINING AREA 2002N 07550W

NO APPARENT CHANGE IN FACILITIES.
ELEVEN VEHICLES OBSERVED.

25X1D

25X1A

CHARCO DEL JOBO MILITARY AREA 2047N 07615W

NO APPARENT CHANGE IN FACILITIES.
SIXTEEN CARGO TRUCKS AND 13 FA/AAA PIECES OBSERVED.

25X1D

25X1A

SIBONEY LANDING BEACH 1957N 07542W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

-MISCELLANEOUS ACTIVITY-

25X1A

MAYARI ARriba MILITARY INSTALLATION 2027N 07531W

NO APPARENT CHANGE SINCE

25X1D

25X1D

25X1A

LA ROSITA STORAGE DEPOT BARAJAGUA 2208N 08004W

NO APPARENT CHANGE IN FACILITIES.
THREE VEHICLES OBSERVED.

25X1D

25X1A

SANTA CLARA MILITARY INSTALLATION CUBANACAN 2224N 07953W

FOUR VAN TRUCKS REMAIN AT CUBANACAN.
TWENTY VEHICLES OBSERVED AT THE ESCUELA TECNOLÓGICA
AND 3 CARGO TRUCKS AT STORAGE AREA NORTH.

25X1D

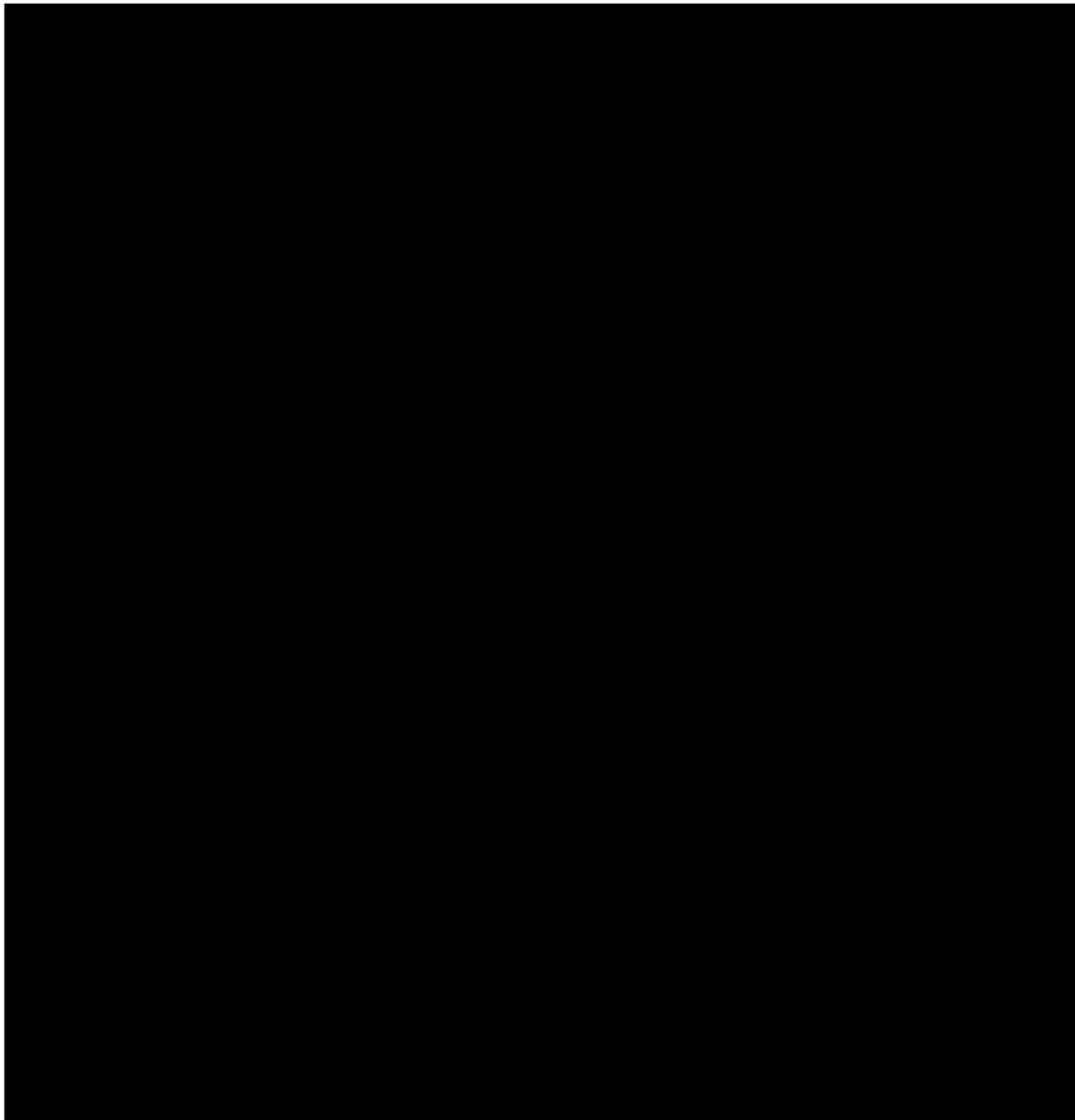
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25X1D

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25X1A



25X1A

25X1A

25X1A

25X1D

STATUS OF OTHER TARGETS--

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

25X1A

SAGUA LA GRANDE MRBM SITE 1
SAGUA LA GRANDE MRBM SITE 2
REMEDIOS IRBM SITE
LOS CANOS AIRFIELD
SIGUANEIA AIRFIELD

2243N 08001W
2239N 07951W
2225N 07935W
2004N 07509W
2138N 08257W

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25X1A

SAN JULIAN AIRFIELD	2205N 08409W
TRINIDAD AIRFIELD	2147N 07959W
PUNTA ALEGRE PORT	2223N 07847W
MOA PORT	2039N 07454W

25X1D

CAYO LARGO	2138N 08129W
MESTANZA, EXPLOSIVES STORAGE SITE	2228N 08347W
LAS MERCEDES, MILITARY CAMP	2006N 07700W
LA JUTIA AREA, MILITARY INSTALLATION	2155N 08016W
TUMBADERO TANK TRAINING AREA	2104N 07558W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
PLAYA COLOMBO LANDING BEACH	2154N 08246W
CIENFUEGOS LANDING BEACH	2202N 08036W
MAR VERDE LANDING BEACH	1957N 07557W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W
NICARO LANDING BEACH	2042N 07533W

25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

25X1A

LA COLOMA SAM SITE	2218N 08332W
LOS ANGELES SAM SITE	2100N 07541W
PINAR DEL RIO SAM ASSEMBLY AREA	2221N 08339W
CAMAGUEY AIRFIELD SAM SITE	2122N 07750W
BANES CRUISE-MISSILE SITE	2058N 07538W
PINAR DEL RIO AIRFIELD	2225N 08341W
LA COLOMA PORT	2214N 08334W
MANZANILLO AREA, MILITARY CAMP	2017N 07706W
PINAR DEL RIO, MILITARY CAMP	2223N 08342W
ALTO CEDRO, MILITARY CAMP	2029N 07559W
CAMAGUEY AREA, MILITARY CAMP	2126N 07753W
HOLGUIN AREA, MILITARY CAMP SOUTHWEST	2051N 07617W

25X1D

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ATTACHMENT 1



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ATTACHMENT 2



CIEINFUEGOS PORT - CUEVA PLACIDO

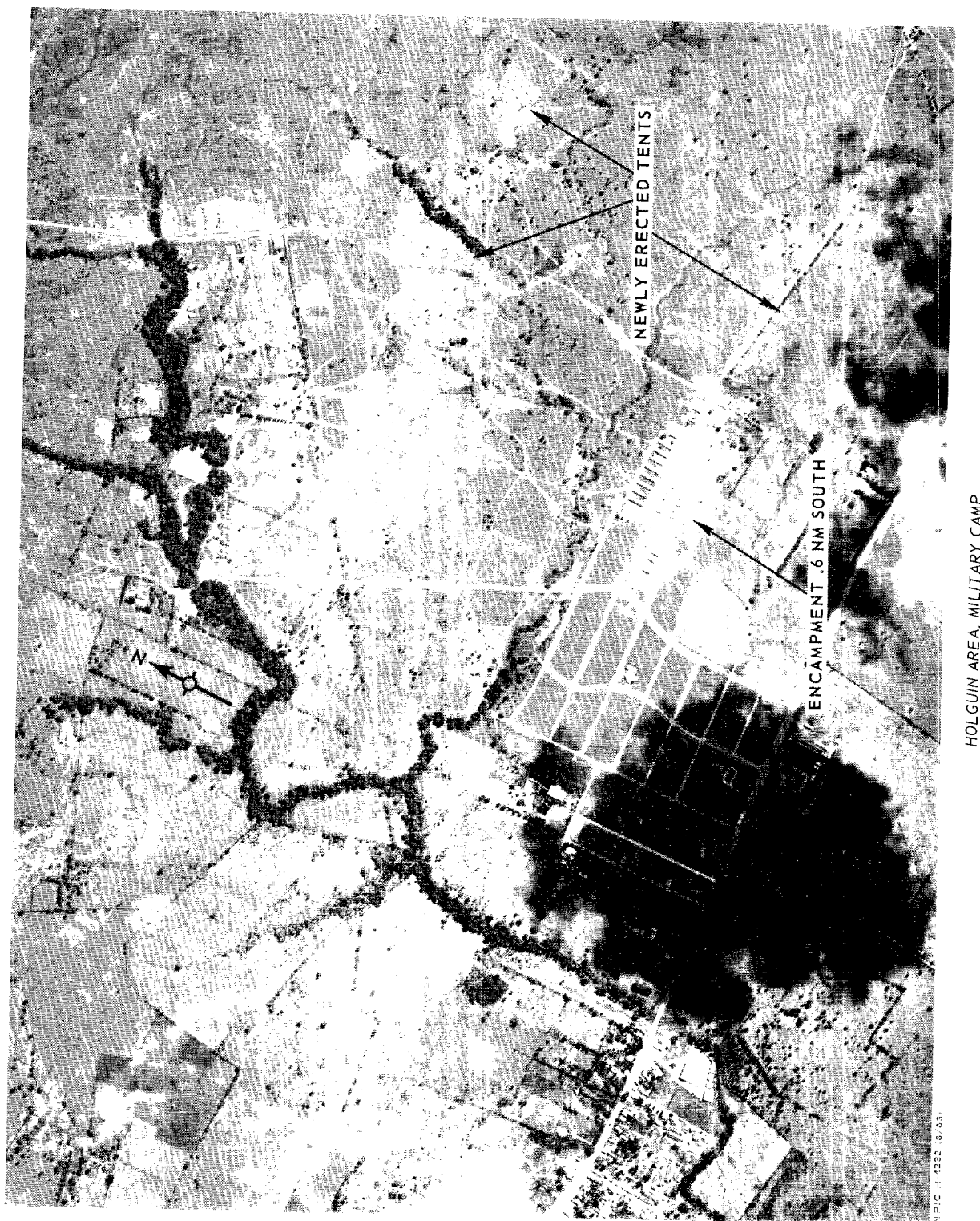
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ATTACHMENT 3



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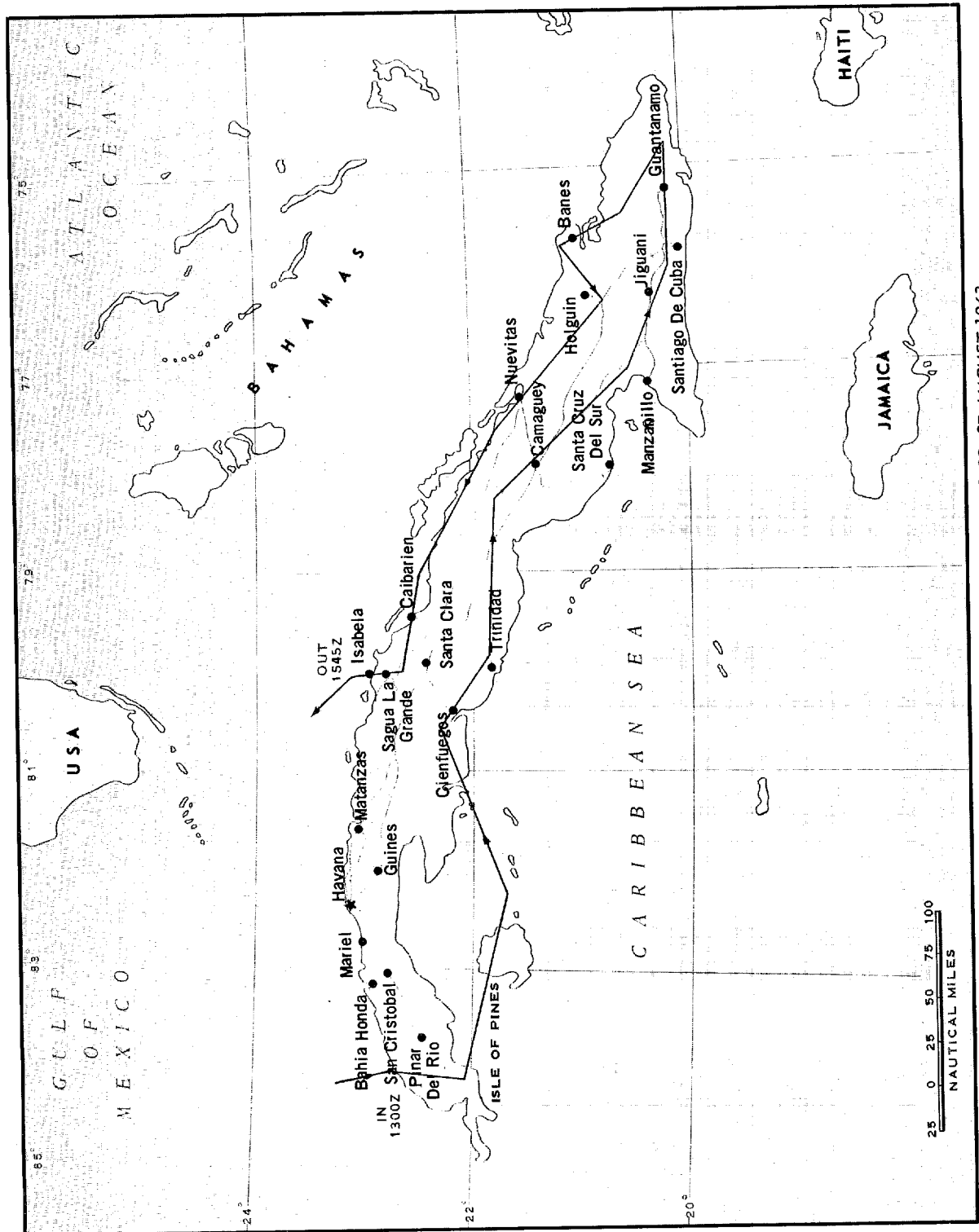
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APPROXIMATE TRACK OF BRASS KNOB MISSION 3703, 27 AUGUST 1963.

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